

3 July 2013

**Via Email and First Class Mail**

Ms. Sharon Fang (3H521)  
Remedial Project Manager  
U.S. Environmental Protection Agency – Region III  
1650 Arch Street  
Philadelphia, PA 19103

**Subject: Monthly Progress Report No. 11  
Operable Unit 2 North Penn Area 5 (NP5OU2) Superfund Site  
Unilateral Administrative Order (UAO)  
Docket No. CERCLA-03-2012-0205DC**

Dear Ms. Fang:

Please find enclosed three (3) copies of the written Monthly Progress Report that provides a summary of actions and activities undertaken pursuant to the above referenced UAO for NP5OU2 Superfund Site. If you have any questions, please do not hesitate to contact me.

Sincerely,



Derek W. Tomlinson, P.E.  
Project Coordinator

Attachment: Monthly Progress Report

cc: Tim Cherry, PADEP (*via email & 1 hardcopy first class mail*)  
M. Joel Bolstein, FoxRothschild (*via email*)  
Chris Voci, Geosyntec (*via email*)  
Michelle Mirigliano, Geosyntec (*via email*)  
File – PH0013

## MONTHLY PROGRESS REPORT

**Operable Unit 2 North Penn Area 5 Superfund Site  
USEPA Unilateral Administrative Order  
Docket No. CERCLA 03-2012-0205DC**

**Monthly Progress Report No. 11  
Reporting Period: June 2013  
Report Date: 3 July 2013**

This monthly progress report is submitted to U.S. Environmental Protection Agency (USEPA) and Pennsylvania Department of Environmental Protection (PADEP) pursuant to the Unilateral Administrative Order (UAO) Section VI, Paragraph 26 and documents activities that were completed at Operable Unit 2 North Penn Area 5 (NP5OU2) Superfund Site during the reporting period.

### 1) Work Plans, Plans and Other Deliverables

- **Submittals**
  - Revised Preliminary (30%) Design Submittal / Pre-Design Investigation (PDI) Work Plan dated 14 June 2013 to address comments within USEPA's approval letter dated 31 May 2013.
- **In Agency Review**
  - None.
- **Comments or Approvals Received this Period**
  - 30% Design Submittal / PDI Work Plan approved with comments on 31 May 2013.
- **In Production**
  - Intermediate (60%) Design Submittal.

### 2) Actions Completed During Reporting Period to Achieve Compliance

- 3 June 2013: Sited temporary wells TW01 to TW12, direct push sampling locations TW13 to TW40, and located existing monitoring well locations within the OU2 overburden groundwater aquifer area.
- 4 June 2013: Completed utility clearance of temporary wells TW01 to TW12, and direct push sampling locations TW13 to TW40.
- 10 to 12 June 2013: Installed temporary wells TW01 to TW12, including collection of soil samples from TW01/SB01 to TW10/SB10.
- 13 to 21 June 2013: Installed direct push sampling locations TW13 to TW40, including collection of groundwater samples.
- 17 June 2013: Collected enhanced in situ bioaugmentation (EISB) treatability study soil and groundwater materials from direct push sampling location TW18 for microcosm construction.
- 24 June 2013: Collected a synoptic round of groundwater elevation measurements from temporary monitoring wells TW01 to TW12, and existing monitoring wells

NP5OU2 MPR

RI23, RI24, RI25, RI28, RI29, and RI30. Note that RI31 was observed to be silted in above the well screen and was removed from the sampling program.

- 24 June to 1 July 2013: Collected groundwater samples from temporary monitoring wells TW01 to TW12, and existing monitoring wells RI23, RI24, RI25, RI28, RI29, and RI30.
- 24 to 26 June 2013: Completed survey of temporary monitoring wells TW01 to TW12, direct push sampling locations TW13 to TW40 and existing monitoring wells within the OU2 overburden groundwater aquifer area.
- 28 June 2013: EISB treatability study initiated by SiREM Laboratories, Inc.

### **3) Validated Data/Results and Tests Received and/or Generated**

- PDI laboratory analytical results for soil and groundwater samples are pending and anticipated to be received in early July 2013 from Lancaster Laboratories, Inc.

### **4) Health & Safety Update**

- None.

### **5) Quality Assurance**

- None.

### **6) Concerns Encountered and Corrective Actions Taken**

- Weather conditions encountered during the PDI necessitated modification of the temporary well construction and sampling. The modifications were developed and approved by USEPA's field representative without delay to the field schedule. Details of this modification will be presented within the 60% Design Submittal.
- Unexpectedly low groundwater yields within the temporary wells during low flow groundwater sampling required modification of the methods presented in the 30% Design Submittal / PDI Work Plan. Field method changes were developed and implemented with consensus of the USEPA's field representative. Details of these modifications will be presented within the 60% Design Submittal.

### **7) Anticipated Near-Term Project Schedule**

- **Actions Scheduled for Next Reporting Period**
  - Collection of synoptic round of groundwater elevation measurements from temporary monitoring wells TW01 to TW12, and existing monitoring wells RI23, RI24, RI25, RI28, RI29, RI30 and RI31.
  - Completion of survey activities.
  - Abandonment of temporary monitoring wells.
  - Removal of investigation derived waste (IDW).
- **Progress of Construction**
  - None.

- **Unresolved Delays Anticipated, and Actions to be Taken**

- PDI results are pending, and modification to the schedule may be necessary as presented in the Remedial Design Work Plan as follows: “If the initial laboratory results indicate further delineation is required, an extension of the submittal of the Intermediate (60%) Design Submittal will be requested to USEPA.”

- **Anticipated Modifications to Work Plans or Other Schedules**

- None.

## **8) Upcoming Meetings and Conference Calls**

- None scheduled.